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(71) Applicant (for all designated States except US): **KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY** [KR/KR]; 39-1, Hawolgok-Dong, Sungbook-Ku, Seoul 136-791 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JUNG, Hyung-Jin** [KR/KR]; 107-202 Samsungchungdampark Apt., 60, Chungdam 1-Dong, Kangnam-Ku, Seoul 135-101 (KR). **KIM, Goo-Dae** [KR/KR]; 6-1401 Sunkyung Apt.,

Daechi-Dong, Kangnam-Ku, Seoul 135-280 (KR). **PARK, No-Kyung** [KR/KR]; 76-29, Wonhyoro-2ga, Yongsan-Ku, Seoul 140-112 (KR). **SHIN, Yong-Gyu** [KR/KR]; A-105 Sungshin Apt., 172-181, Metan 1-Dong, Paltal-Ku, Suwon 442-371 (KR). **YOON, Sung-Ho** [KR/KR]; 102-804 Dongbu Apt., 705, Kongneung 2-Dong, Nowon-Ku, Seoul 139-242 (KR). **LEE, Sung-Kyu** [KR/KR]; 24-1004 Hyundai Apt., Apgujung-Dong, Kangnam-Ku, Seoul 135-110 (KR).

(74) Agent: **PARK, Jang-Won**; Jewoo Building, 4th Floor, 200, Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (KR).

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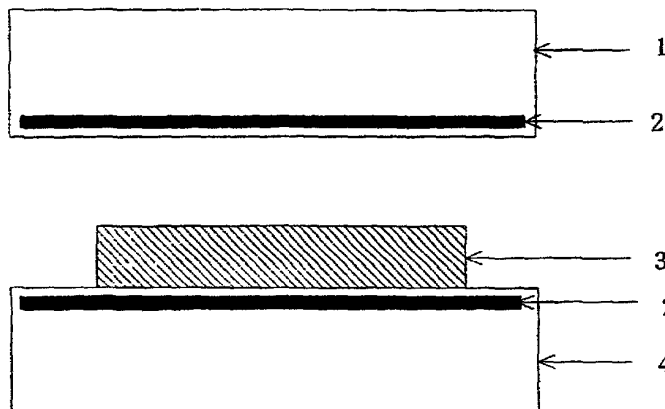
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(54) Title: VACUUM INSULATOR USING GLASS WHITE WOOL AND ITS FABRICATION METHOD



(57) Abstract: The vacuum insulator in accordance with the present invention comprises glass white wool body which density is 0.1 ~ 0.5g/cm<sup>3</sup> in density and is below 0.0023kcal/mh °C in thermal conductivity, and a non permeable container surrounding the body in which the pressure is between 10<sup>-6</sup> ~ 10<sup>-1</sup> torr. The vacuum insulator is fabricated by piling up glass white wool, thermal-pressurizing the piled glass white wool to form a body of 0.1 ~ 0.5g/cm<sup>3</sup> in density wherein the pressurizing is done at 0.007 ~ 1.5kg/cm<sup>2</sup> and under 20 °C for more than 10 minutes, putting the body in the non-permeable container, and producing a vacuum in the container.

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